

I. Listing of the Claims

1. (Previously Presented): A transfective film which is formed between a liquid crystal layer and an illuminating device for illuminating a liquid crystal display panel from a backside of the liquid crystal display panel and in which a plurality of fine concave or convex portions is formed on one surface thereof and openings for transmitting light are formed at positions corresponding to pixels of the liquid crystal display panel,

wherein an interval between at least one side of each of the openings and an edge of each of the pixels is smaller than a width of one concave or convex portion.

2. (Original): The transfective film according to Claim 1, wherein the interval is set in the range of 0.1 to 5.0 μm .

3. (Original): A liquid crystal display comprising the transfective film according to Claim 1, an illuminating device, and a liquid crystal display panel.

4. (Previously Presented): The transfective film according to Claim 1, wherein the pixels are divided by light-shielding walls disposed on the transfective film.

5. (Previously Presented): The transfective film according to Claim 1, wherein each of the intervals between at least two sides of each of the openings and at least two edges of each of the pixels is smaller than the width of one concave and convex portion.

6. (Previously Presented): The transfective film according to Claim 5, wherein each of the openings has a substantially rectangular shape.

7. (Previously Presented): The transfective film according to Claim 6, wherein each of the openings is formed in a middle of each of the pixels, and each of the intervals between opposing sides of each of the openings and opposing edges of each of the pixels is smaller than the width of one concave or convex portion.

8. (Previously Presented): The transfective film according to Claim 6, wherein each of the openings is substantially closer to one edge of the pixel than to an opposing edge of the pixel in a longitudinal direction of the pixel.

9. (Previously Presented): The transfective film according to Claim 6, wherein three sides of each of the openings are more proximate to the edges of each of the pixels than at least one other side of the opening, and wherein each of the intervals between the three sides of each of the openings and the edge of each of the pixels is smaller than the width of one concave and convex portion.

10. (Previously Presented): The transfective film according to Claim 5, wherein each of the openings has a substantially triangular shape.

11. (Previously Presented): The transfective film according to Claim 5, wherein each of the openings has a substantially rectangular polygonal shape with greater than four sides.

12. (Previously Presented): The transfective film according to Claim 6, wherein three sides of each of the openings are more proximate to the edges of each of the pixels than at least one other side of the opening, and wherein each of the intervals between the three sides of each of the openings and the edge of each of the pixels is smaller than the width of one concave and convex portion.

13. (Previously Presented): The transfective film according to Claim 1, wherein a ratio of the interval to a width of the concave portion is in the range of 1/130 to 5/12.

14. (Previously Presented): A liquid crystal display comprising:
a liquid crystal display panel which comprises first and second substrates, a liquid crystal layer between the first and second substrates, and a sealing material which is formed at a circumferential portion of the first and second substrates to form a single body;
an illuminating device for illuminating the liquid crystal display panel from a backside of the liquid crystal display panel; and
wherein a transfective film which is formed between the liquid crystal layer and the illuminating device,

wherein a plurality of fine concave or convex portions is formed on one surface of the transfective film,

wherein openings for transmitting light are formed at positions corresponding to pixels of the liquid crystal display panel, and

wherein an interval between at least one side of each of the openings and an edge of each of the pixels is smaller than a width of one concave or convex portion.

15. (Previously Presented): The liquid crystal display according to Claim 14, wherein the each pixel is divided by light-shielding walls, which are on the transfective film.

16. (Previously Presented): The liquid crystal display according to Claim 14, wherein a color filter is formed above both the opening and the transfective film in the each pixel.

17. (Previously Presented): The transfective film according to Claim 14, wherein a ratio of the interval to a width of the concave portion is in the range of 1/130 to 5/12.